

WHAT IS CLAIMED IS:

1. A fuel and wastewater storage device for a fuel cell comprising:
a housing having an interior;
a movable barrier dividing said interior into a first cavity and a second cavity;
a fuel port located at said first cavity; and
a wastewater port located at said second cavity,
wherein the storage device is sized to be contained within a portable electric device.
2. The device of claim 1, wherein said movable barrier is a bladder.
3. The device of claim 2, wherein said housing includes a cap and a main body, said main body having a first end, said cap is disposed at said first end.
4. The device of claim 3, where in said bladder is secured to said first end of said housing.
5. The device of claim 2, wherein said bladder is made from a flexible material.
6. The device of claim 1, wherein said movable barrier is a slidable wall.
7. The device of claim 6, further comprising a spring connected to said slidable wall and an interior wall.
8. The device of claim 1, wherein said first cavity contains a fuel.

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9. A fuel cell system comprising:
a fuel cell;
a fuel and wastewater storage device in fluid communication with said fuel cell, said storage device includes:
a housing having an interior; and
a movable barrier dividing said interior into a first cavity and a second cavity.
10. The system of claim 9, wherein said movable barrier is a bladder.
11. The system of claim 10, wherein said housing includes a cap and a main body, said main body having a first end, said cap is disposed at said first end.
12. The system of claim 11, where in said bladder is secured to said first end of said housing.
13. The system of claim 10, wherein said bladder is made from a flexible material.
14. The system of claim 9, wherein said movable barrier is a slidable wall.
15. The system of claim 14, further comprising a spring connected to said slidable wall and an interior wall.
16. The system of claim 9, wherein said first cavity contains a fuel.
17. The system of claim 9, further comprising a pump in fluid communication with said storage device.

18. The system of claim 9, wherein said storage device includes a plurality of storage devices.

19. A method of storing a fuel and a wastewater at a storage device for a fuel cell system, the method comprising:

holding said fuel at a first cavity of said storage device;

moving said fuel from said first cavity to a fuel cell;

consuming said fuel at said fuel cell;

producing said wastewater at said fuel cell;

moving said wastewater from said fuel cell to a second cavity at said storage device; and

holding said wastewater at said second cavity.

20. The method of 19, wherein said moving said fuel includes pumping said fuel.

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